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# STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

## STATISTICS FOR THE MONTH OF DECEMBER 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.


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Issued: February 23, 1989

## RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

| | GAS WATER HEATER (Excludes Boosters) | | | ELECTRIC WATER HEATERS (Excludes Boosters) | | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|
| **MONTH** | **1988** | **1987** | **%Chg.** | **1988** | **1987** | **%Chg.** | **1988** | **1987** | **%Chg.** |
| January | 354,840 | 345,808 | +2.6 | 282,499 | 286,966 | -1.6 | 637,339 | 632,774 | +0.7 |
| February | 320,350 | 340,019 | -5.8 | 261,891 | 278,289 | -5.9 | 582,241 | 618,308 | -5.8 |
| March | 334,094 | 351,914 | -5.1 | 283,191 | 301,311 | -6.0 | 617,285 | 653,225 | -5.5 |
| **3 Months** | 1,009,284 | 1,037,741 | -2.7 | 827,581 | 866,566 | -4.5 | 1,836,865 | 1,904,307 | -3.5 |
| April | 329,060 | 353,152 | -6.8 | 266,628 | 311,318 | -14.4 | 595,688 | 664,470 | -10.4 |
| May | 316,767 | 290,477 | +9.1 | 273,281 | 263,610 | +3.7 | 590,048 | 554,087 | +6.5 |
| June | 332,697 | 330,285 | +0.7 | 290,034 | 299,894 | -3.3 | 622,731 | 630,179 | -1.2 |
| **6 Months** | 1,987,808 | 2,011,655 | -1.2 | 1,657,524 | 1,741,388 | -4.8 | 3,645,332 | 3,753,043 | -2.9 |
| July | 286,758 | 297,199 | -3.5 | 256,561 | 276,164 | -7.1 | 543,319 | 573,363 | -5.2 |
| August | 289,580 | 289,836 | -0.1 | 272,941 | 270,759 | +0.8 | 562,521 | 560,595 | +0.3 |
| September | 321,352 | 311,719 | +3.1 | 272,864 | 269,658 | +1.2 | 594,216 | 581,377 | +2.2 |
| **9 Months** | 2,885,498 | 2,910,409 | -0.9 | 2,459,890 | 2,557,969 | -3.8 | 5,345,388 | 5,468,378 | -2.2 |
| October | 380,810 | 360,606 | +5.6 | 308,139 | 294,422 | +4.7 | 688,949 | 655,028 | +5.2 |
| November | 307,417 | 310,355 | -0.9 | 259,325 | 257,772 | +0.6 | 566,742 | 568,127 | -0.2 |
| December | 382,744 | 369,314 | +3.6 | 306,136 | 286,232 | +7.0 | 688,880 | 655,546 | +5.1 |
| **YEAR-END** | 3,956,469 | 3,950,684 | +0.1 | 3,333,490 | 3,396,395 | -1.9 | 7,289,959 | 7,347,079 | -0.8 |

gures include shipments to mobile home manufacturers.

## COMMERCIAL WATER HEATERS

| MONTH | GAS COMMERCIAL WATER HEATERS (a) 1988 | 1987 | %Chg. | ELECTRIC COMMERCIAL WATER HEATERS (a) 1988 | 1987 | %Chg. |
|---|---|---|---|---|---|---|
| January | 17,740 (r) | 18,981 | -6.5 | 1,335 | 1,446 | -7.7 |
| February | 16,229 (r) | 18,569 | -12.6 | 1,384 | 1,535 | -9.8 |
| March | 16,401 | 17,798 | -7.8 | 1,595 | 1,568 | +1.7 |
| **3 Months** | 50,370 | 55,348 | -9.0 | 4,314 | 4,549 | -5.2 |
| April | 15,641 | 18,668 | -16.2 | 1,698 | 1,685 | +0.8 |
| May | 16,573 | 19,102 | -13.2 | 1,505 | 1,550 | -2.9 |
| June | 19,920 | 21,199 | -6.0 | 1,857 | 1,561 | +19.0 |
| **6 Months** | 102,504 | 114,317 | -10.3 | 9,374 | 9,345 | +0.3 |
| July | 13,500 | 15,773 | -14.4 | 1,296 | 1,416 | -8.5 |
| August | N/A | 13,019 | --- | 1,674 | 1,505 | +11.2 |
| September | N/A | 13,728 | --- | 1,593 | 1,536 | +3.7 |
| **9 Months** | --- | 156,837 | --- | 13,937 | 13,802 | +1.0 |
| October | N/A | 14,200 | --- | 1,694 | 1,568 | +8.0 |
| November | N/A | 21,053 | --- | 1,609 | 1,415 | +13.7 |
| December | N/A | 19,376 | --- | 1,755 | 1,576 | +11.4 |
| **YEAR-END** | N/A | 211,466 | --- | 18,995 | 18,361 | +3.5 |

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(b)Excludes gas swimming pool heaters.
(r) Revised

## CENTRAL HEATING FURNACES

| | GAS WARM AIR FURNACES | | | OIL WARM AIR FURNACES | | | ELECTRIC WARM AIR FURNACES | | |
|---|---|---|---|---|---|---|---|---|---|
| **MONTH** | **1988** | **1987** | **%Chg.** | **1988** | **1987** | **%Chg.** | **1988** | **1987** | **%Chg** |
| January | 157,210 | 168,355 | -6.6 | 15,095 | 16,195 | -6.8 | 27,685 | 31,385 | -11.8 |
| February | 134,270 | 152,735 | -12.1 | 12,790 | 13,510 | -5.3 | 24,050 | 30,740 | -21.8 |
| March | 147,965 | 148,845 | -0.6 | 11,910 | 11,845 | +0.5 | 24,565 | 39,010 | -37.0 |
| **3 Months** | 439,445 | 469,935 | -6.5 | 39,795 | 41,550 | -4.2 | 76,300 | 101,135 | -24.6 |
| April | 124,910 | 137,595 | -9.2 | 7,755 | 10,870 | -28.7 | 20,885 | 37,115 | -43.7 |
| May | 118,490 | 118,350 | +0.1 | 8,460 | 8,635 | -2.0 | 29,575 | 33,435 | -11.5 |
| June | 138,545 | 139,820 | -0.9 | 10,640 | 10,540 | +0.9 | 30,890 | 31,965 | -3.4 |
| **6 Months** | 821,390 | 865,700 | -5.1 | 66,650 | 71,595 | -6.9 | 157,650 | 203,650 | -22.6 |
| July | 163,550 | 156,660 | +4.4 | 14,890 | 12,380 | +20.3 | 27,150 | 30,100 | -9.8 |
| August | 200,730 | 203,020 | -1.1 | 22,565 | 22,840 | -1.2 | 23,945 | 33,070 | -27.6 |
| September | 254,035 | 234,015 | +8.6 | 32,085 | 31,830 | +0.8 | 24,680 | 31,610 | -21.9 |
| **9 Months** | 1,439,705 | 1,459,395 | -1.3 | 136,190 | 138,645 | -1.8 | 233,425 | 298,430 | -21.8 |
| October | 251,855 | 240,585 | +4.7 | 27,210 | 25,795 | +5.5 | 23,090 | 29,100 | -20.7 |
| November | 223,035 | 193,665 | +15.2 | 22,785 | 24,290 | -6.2 | 17,045 | 23,835 | -28.5 |
| December | 177,570 | 179,280 | -1.0 | 17,600 | 17,715 | -0.6 | 19,535 | 23,690 | -17.5 |
| **YEAR-END** | 2,092,165 | 2,072,925 | +0.9 | 203,785 | 206,445 | -1.3 | 293,095 | 375,055 | -21.9 |

## GAS & OIL BOILERS

| MONTH | GAS BOILERS 1988 | GAS BOILERS 1987 | GAS BOILERS %Chg. | OIL BOILERS 1988 | OIL BOILERS 1987 | OIL BOILERS %Chg. |
|---|---|---|---|---|---|---|
| January | 16,694 (r) | 12,578 | +32.7 | 11,848 (r) | 9,227 | +28.4 |
| February | 11,102 (r) | 12,323 | -9.9 | 6,030 (r) | 8,337 | -27.7 |
| March | 12,017 (r) | 11,707 | +2.6 | 9,677 (r) | 9,306 | +4.0 |
| **3 Months** | 39,813 | 36,608 | +8.8 | 27,555 | 26,870 | +2.5 |
| April | 6,834 | 8,348 | -18.1 | 6,525 | 7,002 | -6.8 |
| May | 9,974 | 9,733 | +2.5 | 6,728 (r) | 7,897 | -14.8 |
| June | 15,140 | 14,380 | +5.3 | 11,472 | 10,778 | +6.4 |
| **6 Months** | 71,761 | 69,069 | +3.9 | 52,280 | 52,547 | -0.5 |
| July | 14,010 | 12,185 | +15.0 | 9,597 | 9,312 | +3.1 |
| August | 20,347 | 17,942 | +13.4 | 14,575 | 12,530 | +16.3 |
| September | 28,423 | 21,968 | +29.4 | 19,053 | 15,535 | +22.6 |
| **9 Months** | 134,541 | 121,164 | +11.0 | 95,505 | 89,924 | +6.2 |
| October | 32,057 | 28,402 | +12.9 | 20,469 | 18,123 | +12.9 |
| November | 25,785 | 22,541 | +14.4 | 16,235 | 13,765 | +17.9 |
| December | 18,937 | 17,555 | +7.9 | 11,995 | 12,902 | -7.0 |
| **YEAR-END** | 211,320 | 189,662 | +11.4 | 144,204 | 134,714 | +7.0 |

(r) Revised

## GAS RESIDENTIAL WALL FURNACES

| MONTH | VENTED WALL FURNACES 1988 | 1987 | %Chg. | DIRECT VENT SYSTEM WALL FURNACES (a) 1988 | 1987 | %Chg. | TOTAL WALL FURNACES 1988 | 1987 | %Chg |
|---|---|---|---|---|---|---|---|---|---|
| January | 9,280 | 8,200 | +13.2 | 4,400 | 5,040 | -12.7 | 13,680 | 13,240 | +3.3 |
| February | 4,240 | 7,750 | -45.3 | 2,360 | 2,960 | -20.3 | 6,600 | 10,710 | -38.4 |
| March | 5,850 | 7,320 | -20.1 | 4,450 | 5,430 | -18.0 | 10,300 | 12,750 | -19.2 |
| **3 Months** | 19,370 | 23,270 | -16.8 | 11,210 | 13,430 | -16.5 | 30,580 | 36,700 | -16.7 |
| April | 4,990 | 4,790 | +4.2 | 3,690 | 3,090 | +19.4 | 8,680 | 7,880 | +10.2 |
| May | 6,480 | 5,910 | +9.6 | 5,180 | 3,120 | +66.0 | 11,660 | 9,030 | +29.1 |
| June | 8,540 | 6,890 | +23.9 | 5,830 | 5,130 | +13.6 | 14,370 | 12,020 | +19.6 |
| **6 Months** | 39,380 | 40,860 | -3.6 | 25,910 | 24,770 | +4.6 | 65,290 | 65,630 | -0.5 |
| July | 5,770 | 5,560 | +3.8 | 5,720 | 3,260 | +75.5 | 11,490 | 8,820 | +30.3 |
| August | 8,880 | 8,410 | +5.6 | 4,610 | 4,060 | +13.5 | 13,490 | 12,470 | +8.2 |
| September | 16,050 | 10,320 | +55.5 | 8,090 | 6,280 | +28.8 | 24,140 | 16,600 | +45.4 |
| **9 Months** | 70,080 | 65,150 | +7.6 | 44,330 | 38,370 | +15.5 | 114,410 | 103,520 | +10.5 |
| October | 12,670 | 14,040 | -9.8 | 7,480 | 8,390 | -10.8 | 20,150 | 22,430 | -10.2 |
| November | 12,030 | 13,230 | -9.1 | 7,210 | 7,310 | -1.4 | 19,240 | 20,540 | -6.3 |
| December | 13,090 | 13,320 | -1.7 | 6,310 | 6,730 | -6.2 | 19,400 | 20,050 | -3.2 |
| **YEAR-END** | 107,870 | 105,740 | +2.0 | 65,330 | 60,800 | +7.5 | 173,200 | 166,540 | +4.0 |

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

## VENTED & UNVENTED ROOM HEATERS

| MONTH | VENTED ROOM HEATERS 1988 | 1987 | %Chg. | UNVENTED ROOM HEATERS 1988 | 1987 | %Chg. |
|---|---|---|---|---|---|---|
| January | 3,613 | 5,964 | -39.4 | 10,321 | 5,355 | +92.7 |
| February | 2,173 | 3,216 | -32.4 | 3,653 | 8,843 | -58.7 |
| March | 4,824 | 5,192 | -7.1 | 6,159 | 4,845 | +27.1 |
| **3 Months** | 10,610 | 14,372 | -26.2 | 20,133 | 19,043 | +5.7 |
| April | 4,534 | 3,938 | +15.1 | 12,133 | 5,070 | — |
| May | 6,227 | 5,011 | +24.3 | 17,220 | 15,643 | +10.1 |
| June | 9,757 | 7,180 | +35.9 | 21,356 | 10,867 | +96.5 |
| **6 Months** | 31,128 | 30,501 | +2.1 | 70,842 | 50,623 | +39.9 |
| July | 7,654 | 6,778 | +12.9 | 16,271 | 22,498 | -27.7 |
| August | 8,618 | 10,124 | -14.9 | 15,131 | 17,888 | -15.4 |
| September | 11,849 | 10,854 | +9.2 | 24,744 | 19,156 | +29.2 |
| **9 Months** | 59,249 | 58,257 | +1.7 | 126,988 | 110,165 | +15.3 |
| October | 15,028 | 16,227 | -7.4 | 32,609 | 27,423 | +18.9 |
| November | 10,432 | 10,611 | -1.7 | 20,476 | 25,263 | -18.9 |
| December | 6,717 | 5,469 | +22.8 | 22,088 | 14,254 | +55.0 |
| **YEAR-END** | 91,426 | 90,564 | +1.0 | 202,161 | 177,105 | +14.1 |

## OTHER HEATING EQUIPMENT

| MONTH | GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a) | | | GAS FLOOR FURNACES | | |
|---|---|---|---|---|---|---|
| | 1988 | 1987 | %Chg. | 1988 | 1987 | %Chg. |
| January | 17,578 (r) | 19,463 | -9.7 | 1,217 | 1,046 | +16.3 |
| February | 18,998 | 19,121 | -0.6 | 930 | 1,226 | -24.1 |
| March | 24,693 | 23,991 | +2.9 | 1,178 | 1,594 | -26.1 |
| **3 Months** | 61,269 | 62,575 | -2.1 | 3,325 | 3,866 | -14.0 |
| April | 22,058 | 22,769 | -3.1 | 1,076 | 1,283 | -16.1 |
| May | 21,963 | 21,594 | +1.7 | 1,592 | 1,716 | -7.2 |
| June | 21,133 | 18,863 | +12.0 | 2,092 | 1,122 | +86.5 |
| **6 Months** | 126,423 | 125,801 | +0.5 | 8,085 | 7,987 | +1.2 |
| July | 18,602 | 18,540 | +0.3 | 1,015 | 1,092 | -7.1 |
| August | 19,384 | 18,723 | +3.5 | 1,726 | 1,271 | +35.8 |
| September | 18,268 | 19,415 | -5.9 | 2,021 | 2,424 | -16.6 |
| **9 Months** | 182,377 | 182,479 | -0.1 | 12,847 | 12,774 | +0.6 |
| October | 19,232 | 19,725 | -2.5 | 3,599 | 3,711 | -3.0 |
| November | 18,391 | 16,603 | +10.8 | 1,734 | 2,032 | -14.7 |
| December | 15,518 | 15,964 | -2.8 | 2,120 | 1,187 | +78.6 |
| **YEAR-END** | 235,518 | 234,771 | +0.3 | 20,300 | 19,704 | +3.0 |

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

## GAS UNIT HEATERS AND DUCT FURNACES

| MONTH | PROPELLER FAN TYPE UNIT HEATERS | | | BLOWER TYPE UNIT HEATERS | | | DUCT FURNACES | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1988 | 1987 | %Chg. | 1988 | 1987 | %Chg. | 1988 | 1987 | %Chg |
| January | 13,557 | 10,199 | +32.9 | 884 | 885 | -0.1 | 1,638 | 1,589 | +3.1 |
| February | 11,221 | 11,177 | +0.4 | 831 | 793 | +4.8 | 1,774 | 1,758 | +0.9 |
| March | 6,652 | 10,998 | -39.5 | 628 | 1,027 | -38.9 | 1,028 | 1,602 | -35.8 |
| **3 Months** | 31,430 | 32,374 | -2.9 | 2,343 | 2,705 | -13.4 | 4,440 | 4,949 | -10.3 |
| April | 5,794 | 8,768 | -33.9 | 566 | 630 | -10.2 | 1,092 | 1,146 | -4.7 |
| May | 5,608 | 10,370 | -45.9 | 696 | 611 | +13.9 | 1,325 | 1,005 | +31.8 |
| June | 11,844 | 12,715 | -6.9 | 573 | 831 | -31.0 | 982 | 1,364 | -28.0 |
| **6 Months** | 54,676 | 64,227 | -14.9 | 4,178 | 4,777 | -12.5 | 7,839 | 8,464 | -7.4 |
| July | 10,289 | 8,447 | +21.8 | 581 | 473 | +22.8 | 631 | 1,034 | -39.0 |
| August | 15,834 | 14,002 | +13.1 | 1,063 | 872 | +21.9 | 1,306 | 1,355 | -3.6 |
| September | 19,789 | 18,836 | +5.1 | 1,124 | 1,317 | -14.7 | 1,635 | 1,792 | -8.8 |
| **9 Months** | 100,588 | 105,512 | -4.7 | 6,946 | 7,439 | -6.6 | 11,411 | 12,645 | -9.8 |
| October | 16,909 | 16,232 | +4.2 | 1,171 | 1,091 | +7.3 | 1,879 | 1,742 | +7.9 |
| November | 19,643 | 17,304 | +13.5 | 1,170 | 1,051 | +11.3 | 2,298 | 2,281 | +0.7 |
| December | 21,989 | 14,037 | +56.7 | 1,189 | 1,374 | -13.5 | 2,414 | 1,961 | +23.1 |
| **YEAR-END** | 159,129 | 153,085 | +3.9 | 10,476 | 10,955 | -4.4 | 18,002 | 18,629 | -3.4 |